

AMENDMENTS TO THE CLAIMS

1. (Currently amended) An arrangement for running a warehouse, in which objects are stored in a plurality of stacks in a storage area, comprising
 - a) a collecting device being movable, ~~which can be moved as desired~~ over the storage area, ~~in particular by a portal robot~~,
 - b) an intermediate store arranged on the collecting device to accommodate objects to be picked up from the storage area for filling, ~~it being possible for the intermediate store to be filled successively~~ from various stacks in separate pick-up steps, and
 - c) a gripping device arranged on the collecting device for lifting one or more objects from one of the stacks, ~~whereas it being possible for the gripping device~~ is vertically movable ~~to be moved vertically~~;~~characterized in that~~whereas
 - d) the gripping device is substantially formed by two mutually opposite blades, and ~~whereas~~
 - e) the blades are vertically movable with respect to the intermediate store.
2. (Currently amended) The arrangement as claimed in claim 1, ~~characterized in that~~whereas the collecting device is divided into two mutually opposite halves which can be moved relative to each other.
3. (Currently amended) The arrangement as claimed in claim 1 or 2, ~~characterized in that~~whereas the intermediate store is substantially formed by two mutually opposite side beams.
4. (Currently amended) The arrangement as claimed in claim 3, ~~characterized in that~~whereas the blades of the gripping device are mounted in the side beams of the intermediate store ~~such that they can be moved vertically~~.

5. (Currently amended) The arrangement as claimed in claim 4, ~~characterized in that~~whereas vertical planes which are defined by the blades and by the side beams of the intermediate store enclose a space with a substantially rectangular cross section.
6. (Currently amended) The arrangement as claimed in claim 1, ~~characterized in that~~whereas the blades comprise on an inner side holding elements for holding the objects and/or securing elements for securing the objects against horizontal movements relative to the gripping device and/or tilting.
7. (Currently amended) The arrangement as claimed in claim 1, ~~characterized in that~~whereas the intermediate store is arranged in a fixed location above the storage area as the objects are picked up.
8. (Currently amended) The arrangement as claimed in claim 1, ~~characterized in that~~whereas the intermediate store comprises at its upper end a vertically movable element which exerts a force downward on the topmost stored object in order to stabilize the stored stack.
9. (Currently amended) The arrangement as claimed in claim 1, ~~characterized in that~~whereas the intermediate store comprises holding elements for holding the stored objects and/or securing elements for securing the objects against horizontal movements relative to the intermediate store and/or tilting.
10. (Currently amended) The arrangement as claimed in claim 1, ~~characterized in that~~whereas the intermediate store comprises, preferably at its lower end, a calibration part which corrects an orientation of the objects as they are inserted into the intermediate store.

11. (Currently amended) The arrangement as claimed in claim 10, ~~characterized in that~~whereas the calibration part is formed by two C-shaped adjusting elements .
12. (Currently amended) The arrangement as claimed in claim 1, ~~characterized in that~~whereas a collecting device comprises a plurality of intermediate stores.
13. (Currently amended) ~~The~~An arrangement, ~~in particular as claimed in claim 1,~~ for running a warehouse, in which objects are stored in a plurality of stacks in a storage area, comprising
- a) a collecting device being movable, ~~which can be moved as desired over the storage area, in particular by a portal robot,~~
 - b) an intermediate store arranged on the collecting device to accommodate objects to be picked up from the storage area, ~~it being possible for~~filling the intermediate store ~~to be filled successively from various stacks in separate pickup steps, and~~
 - c) a gripping device arranged on the collecting device for lifting one or more objects from one of the stacks, whereas the gripping device is vertically movable, ~~it being possible for the gripping device to be moved vertically;~~
~~characterized by~~whereas
 - d) a storage unit, which can be moved independently of the collecting device, ~~and which is constructed in such a way that~~whereas objects accommodated in the intermediate store of the collecting device can be transferred directly into the storage unit.
14. (Currently amended) The arrangement as claimed in claim 13, ~~characterized in that~~whereas the storage unit is substantially C-shaped with a base part running vertically and arranged at the rear, and two holding parts held on the base part, arranged centrally and projecting forward, between which the objects can be picked up.

15. (Currently amended) The arrangement as claimed in claim 13 or 14, ~~characterized in that comprising~~ a plurality of said storage units ~~being~~~~are preferably fixedly~~ arranged on a portal bridge, ~~and in~~~~whereas that~~ the collecting device is arranged such that it can be moved on a further portal bridge, the storage units and the collecting device being located opposite each other.
16. (Currently amended) A method for operating a warehouse, in which objects are stored in a plurality of stacks in a storage area, ~~in which comprising the steps of~~
- a) moving a collecting device is moved over the storage area to any desired stack having objects to be picked up;
 - b) moving vertically downward a gripping device arranged on the collecting device for picking up a stack part from one or more objects of the stack, whereas two mutually opposite blades of the gripping device are extended out of the collecting device, an intermediate store arranged on the collecting device remaining in a fixed location~~is moved vertically downward~~;
 - c) gripping the stack part ~~is gripped by~~ said two mutually opposite blades of the gripping device;
 - d) moving vertically upward the gripping device ~~is moved vertically upward~~, so that ~~an~~the intermediate store arranged on the collecting device accommodates the objects picked up from the storage area; and
 - e) filling the intermediate store is filled successively from various stacks in further pick-up steps.
17. (Canceled)

18. (Currently amended) The method as claimed in claim 16 ~~or 17~~, comprising the further step of securing ~~characterized in that, during the movement of the collecting device, the objects in the intermediate store during the movement of the collecting device are secured~~ against horizontal movements relative to the collecting device ~~and/or~~ tilting by securing elements of the intermediate store.
19. (Currently amended) The method as claimed in claim 16, ~~characterized in that~~ comprising the further step of securing the objects gripped by the gripping device, as they move upward, ~~are secured~~ against horizontal movements relative to the gripping device ~~and/or~~ tilting by securing elements of the gripping device.
20. (Currently amended) The method as claimed in claim 16, ~~characterized in that~~, whereas in order to grip the stack part, two mutually opposite halves of a collecting device are moved toward each other until the blades hold the stack part with a form or force fit.
21. (Currently amended) ~~The~~ A method, ~~in particular as claimed in claim 16~~, for running in a warehouse, in which objects are stored in a plurality of stacks in a storage area, ~~in which~~ comprising the steps of
- a) moving a collecting device ~~is moved~~ over the storage area to any desired stack having objects to be picked up;
 - b) accommodating a stack part of one or more objects from the stack ~~is accommodated~~ in an intermediate store of the collecting device;
 - c) filling the intermediate store ~~is filled~~ successively from various stacks in further pick-up steps; and

d) transferring the objects accommodated in the intermediate store ~~are transferred to~~
a storage unit which ~~is independently can be moved~~ movable ~~independently~~ of the
collecting device.

22. (New) The arrangement as claimed in claim 1, whereas the blades comprise on an inner
side holding elements for holding securing elements for securing the objects horizontal
movements relative to the gripping device or tilting.

23. (New) The arrangement as claimed in claim 1, whereas the intermediate store comprises
securing elements for securing the objects against horizontal movements relative to the
intermediate store or tilting.